

SINGLE VEHICLE RUN-OFF-THE-ROAD CRASHES -- RURAL, PRIMARY AND PAVED SECONDARY ROADS (2001-2007)

COUNTY	ROUTE	ROAD NAME	FROM	TO	LENGTH (MI)	FATAL AND MAJOR INJURY SINGLE VEHICLE RUN-OFF- ROAD CRASHES	ANNUAL FATAL AND MAJOR INJURY SINGLE VEHICLE RUN-OFF-ROAD CRASH DENSITY (CRASHES/MI/YR)	Potential Remedies *	Estimated Costs	Impediments	Status/Program Fiscal Year
MILLS	L-35	221ST ST	225TH ST	MILLS/POTTAWATTAMIE COUNTY BORDER	7.116	7	0.141	2		**	
LINN	US 151	DUBUQUE RD	~0.2 MI EAST OF 62ND ST	WEST CORPORATE BOUNDARY OF SPRINGVILLE	5.154	5	0.139	1	\$1,133,880	None	2010
MARSHALL	E-35	MAIN ST RD	EAST CORPORATE BOUNDARY OF MARSHALLTOWN	ZELLER AVE	4.756	4	0.120	TCD,Signing	\$496,120		2011***
BOONE	R-21	NATURE RD	MARION DR	130TH ST	5.066	4	0.113	TCD,Signing	\$3,000		2010
DUBUQUE	US 20		~0.25 MI WEST OF OLDE CASTLE RD	PLACID RD INTERCHANGE	5.075	4	0.113	1	\$1,116,500		2011
JEFFERSON	H-46	GLASGOW RD	EAST INTERSECTION OF GREENBRIER CIR	REDWOOD AVE	5.585	4	0.102	2		**	
DUBUQUE	US 52		EAST CORPORATE BOUNDARY OF HOLY CROSS	WEST CORPORATE BOUNDARY OF RICKARDSVILLE	5.682	4	0.101	1	\$1,000,000	None	2009-2011
LEE	X-23	WEST POINT RD	IOWA 2	175 ST	5.768	4	0.099	2		**	
LEE	US 61		~0.15 335TH ST	LEE/DES MOINES COUNTY BORDER	7.246	5	0.099	1	\$1,594,120	**	
POTTAWATTAMIE	L-34	ROAD L34	RAILROAD HWY	SUMAC RD	9.016	6	0.095	2		**	
BUTLER	IOWA 57		IOWA 14	WESTBROOK ST	7.722	5	0.093	1	\$849,420	**	2010
WINNESHIEK	IOWA 139		POLE LINE RD	IOWA/MINNESOTA STATE BORDER	11.428	7	0.088	1	\$1,257,080	**	2011 Possible
JOHNSON	US 6		420TH ST	JOHNSON/MUSCATINE COUNTY BORDER	6.89	4	0.083	1	\$1,057,900	None	2010
MUSCATINE	US 61		TUCKER	~0.1 MI EAST OF 153RD ST	7.214	4	0.079	1	\$1,587,080	None	2011
DES MOINES	US 61		LEE/DES MOINES COUNTY BORDER	WEST AVE	7.364	4	0.078	1	\$1,620,080	**	2010
WEBSTER	US 20	235TH ST	QUAIL AVE INTERCHANGE	CHASE AVE	9.819	5	0.073	1	\$2,160,180	**	2009
LOUISA	X-37	COUNTY RD X 37	EAST CORPORATE BOUNDARY OF COLUMBUS CITY	COUNTY RD G62	8.219	4	0.070	2			2011***
HARRISON	F20L	EASTON TRL	EAST CORPORATE BOUNDARY OF PISGAH	~0.6 MI EAST OF ONEIDA AVE	10.345	5	0.069	TCD			2011***
WASHINGTON	W-55	WAYLAND RD	WASHINGTON/HENRY COUNTY BORDER	SOUTH CORPORATE BOUNDARY OF WASHINGTON	8.809	4	0.065	1	\$500,000		2011***
JOHNSON	US 6		JOHNSON/IOWA COUNTY BORDER	DEER VIEW ST	8.86	4	0.064	1	\$974,600		2011
SCOTT	IOWA 130	NEW LIBERTY RD	280 ST	WEST CORPORATE BOUNDARY OF MAYSVILLE	9.378	4	0.061	1	\$880,000		
MARION	IOWA 163		MARION/JASPER COUNTY BORDER	WEST CORPORATE BOUNDARY OF PELLA	9.539	4	0.060	1	\$1,550,890	**	2008-5 miles
PLYMOUTH	C-60		K-42	POLK AVE	13.438	5	0.053	4	\$500,000		2011***
MUSCATINE	US 6		CORN ST	IOWA 38	11.176	4	0.051	1	\$1,229,360	**	
GUTHRIE	IOWA 4		NORTH CORPORATE BOUNDARY OF PANORA	GUTHRIE/GREENE COUNTY BORDER	11.45	4	0.050	1	\$1,259,500	**	
POTTAWATTAMIE	US 6		~0.1 MI WEST OF HUNT AVE	SOUTH CORPORATE BOUNDARY OF OAKLAND	20.368	7	0.049	1	\$2,240,480	None	2010

Total 222.483

SITE SELECTION CRITERIA:
FIVE PERCENT OF THE 5,000 MILES WITH THE HIGHEST AVERAGE ANNUAL FATAL AND MAJOR INJURY SINGLE VEHICLE RUN-OFF-THE-ROAD CRASH DENSITY DURING 2001-2007
(STATEWIDE AVERAGE = .0.14 CRASHES/MILE/YEAR)

- Footnotes:
- * Potential Remedies/Improvements
 - (1) Paving a part of the shoulder and installing shoulder rumble strips
 - (2) Study needed. Alternatives include:
 - a. Paving a part of the shoulder and installing shoulder rumble strips
 - b. Installing rumble strips along the edge of the pavement
 - c. Widen the shoulder
 - (3) Upgrading roadway adding two-foot paved shoulders and intermittent shoulder rumble strips
 - (4) Improved curve
 - (5) Converted 2-lane to 4-lane roadway

Cost estimate is unknown until after study is completed.

Impediments:
(**) Possible impediments are unknown until after a study is completed. There could be environmental or right-of-way impediments, if shoulder widening is required.
(***) TSF applied for

Roadway Segments From This Report Which Are Completed or Roadway Segments Which Are Completed/Under Construction From Previous Reports

COUNTY	ROUTE	ROAD NAME	FROM	TO	LENGTH (MI)	IMPROVEMENT *	COST	YEAR
PLYMOUTH	US 75		~0.1 MI SOUTH OF 325TH ST	SOUTH CORPORATE BOUNDARY OF HINTON	2.995	1	\$600,000	2004
STORY	US 30		INTERSTATE 35	610TH AVE	4.582	1	\$900,000	2007
BOONE	US 30	220TH ST	WEST CORPORATE BOUNDARY OF BOONE	X AVE	9.382	1	\$1,900,000	2006
WASHINGTON	US 218		240TH ST	SOUTH CORPORATE BOUNDARY OF RIVERSIDE	12.513	1	\$2,500,000	2007
CLINTON	US 61		CLINTON/SCOTT COUNTY BORDER	WASHINGTON BLVD	8.371	1	\$1,700,000	2007
CLINTON	US 61		212TH ST	IOWA 136 INTERCHANGE	10.495	1	\$2,100,000	2007
MARION	IOWA 5		ATTICA RD INTERCHANGE	MARION/MONROE COUNTY BORDER	14.099	1	\$1,400,000	2007
ALLAMAKEE	IOWA 76		MINNESOTA STATE LINE	WAUKON	17.87	1	\$1,800,000	2009
WAPELLO	US 34		OTTUMWA	AGENCY	3.24	1, 5		2008
MARION	IOWA 5		~0.4 MI WEST OF 60TH AVE	MCKIMBER ST INTERCHANGE	5.451	7	\$1,400,000	2007
JASPER	IOWA 163	IOWA 163 W	WEST CORPORATE BOUNDARY OF PRAIRIE CITY	QUICKSILVER AVE INTERCHANGE	7.723	5	\$1,699,060	2008
DAVIS	V-17	ICE AVE	US 63	SOUTH CORPORATE BOUNDARY OF DRAKESVILLE	3.783	4		2009
LINN	E-16	SAWYER RD	JORDANS GROVE RD	PRAIRIEBURG RD	4.067	4		2008
SCOTT	Y-68	SCOTT PK RD	NORTH CORPORATE BOUNDARY OF ELDRIDGE	SCOTT/CLINTON COUNTY BORDER	8.034	1		2004-05